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CORRIGENDA

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Page C855: L. Jiang, A. Stuart-Tilley, J. Parkash, and S. L. Alper. "pH_i and serum regulate AE2-mediated Cl^-/HCO_3^- exchange in CHOP cells of defined transient transfection status." The acknowledgment section omitted our thanks to Genetics Institute and Dana Dubois for subsidizing the additional cost of publication in color.

Volume 259, November 1990
Volume 28, November 1990

Pages C834–C841: K. Sahlin, A. Katz, and S. Broberg. "Tricarboxylic acid cycle intermediates in human muscle during prolonged exercise." Values on muscle glutamine during prolonged exercise at 75% of $\dot{V}O_{2\,max}$ presented in Fig. 6 are not correct because they correspond to the sum of glutamine and glutamate. The correct values on muscle glutamine should be (means ± SE): 55.3 ± 2.3, 59.0 ± 2.5, 57.7 ± 2.0, and 56.3 ± 1.7 mmol/kg dry wt of muscle at rest, 5 min exercise, 40 min exercise, and fatigue, respectively. The differences between means are not statistically significant. Our previous conclusion that muscle glutamine decreases continuously during prolonged exercise should be changed to: muscle glutamine remains unchanged during prolonged exercise.

Volume 261, December 1991
Volume 30, December 1991

Page C1160: K. R. Hallows, C. H. Packman, and P. A. Knauf. "Acute cell volume changes in anisotonic media affect F-actin content of HL-60 cells." The acknowledgments should include the following sentence: K. R. Hallows is a student in the Medical Scientist Training Program funded by National Institute of General Medicine Sciences Grant T32 GM-07356.

Volume 267, October 1994
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Page C1055: K. R. Hallows and P. A. Knauf. "Regulatory volume decrease in HL-60 cells: importance of rapid changes in permeability of Cl^- and organic solutes."
Page C1066: K. R. Hallows, D. Restrepo, and P. A. Knauf. "Control of intracellular pH during regulatory volume decrease in HL-60 cells." The acknowledgments should include the following sentence: K. R. Hallows is a student in the Medical Scientist Training Program funded by National Institute of General Medical Sciences Grant T32 GM-07356.

Volume 267, November 1994
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Page C1173: A. Cohen-Dayag and M. Eisenbach. "Potential assays for sperm capacitation in mammals." Legend to Table 1, the third line from the bottom should read: antibody; MPA, *Maclura pomifera* agglutinin; $TPMP^+$, triphenylmethylphosphonium ion; SMA-4, sperm maturation antigen 4. In vitro. (The errors were inadvertently introduced by the printer.)

Volume 268, January 1995
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Page C27: S. Morimoto and Y. Ogawa. "Ca^{2+}-insensitive sustained contraction of skinned smooth muscle after acidic ADP treatment." Between *lines 14* and *15*, the following equation was inadvertently omitted by the printer:

$$P = P_o \exp(-kt)$$

CORRIGENDA

Volume 268, January 1995
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Pages C89–C100: J. S. Adorante. "Regulatory volume decrease in frog retinal pigment epithelium." The origin line should read: School of Optometry, University of California, Berkeley, California 94720. On page C99, the following sentence should be added to the acknowledgment: This work was supported by National Eye Institute Grants EY-02205 (to S. S. Miller) and Core Grant EY-03176 and National Research Service Award EY-05968 (to J. S. Adorante).

Volume 268, February 1995
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Pages C339–C349: S. Liu and K. D. Schreur. "G protein-mediated suppression of L-type Ca^{2+} current by interleukin-1β in cultured rat ventricular myocytes." The values for cell membrane capacitance (C_m) in Figs. 7–9 should have been halved. Page C346, the last line in the legend to Fig. 7 should read: C_m was 158 pF. The last line in the legend to Fig. 8 should read: control. C_m was 181 pF. Page C347, the last 2 lines in the legend to Fig. 9 should read: upon removal of IL-1β, partrial recovery of I_{Ba} was observed ($\triangledown$) as shown in Fig. 3. *A*: C_m was 150 pF. *B*: C_m was 147 pF.

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Volume 266, June 1994
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Pages L593–L611: Mark D. Evans and William A. Pryor. Invited Review, "Cigarette smoking, emphysema, and damage to α_1-proteinase inhibitor." On p. L600, Fig. 4*B* should appear as shown below, with S (sulfur) and not C (carbon) in the formula for methionine oxidation to the sulfoxide.

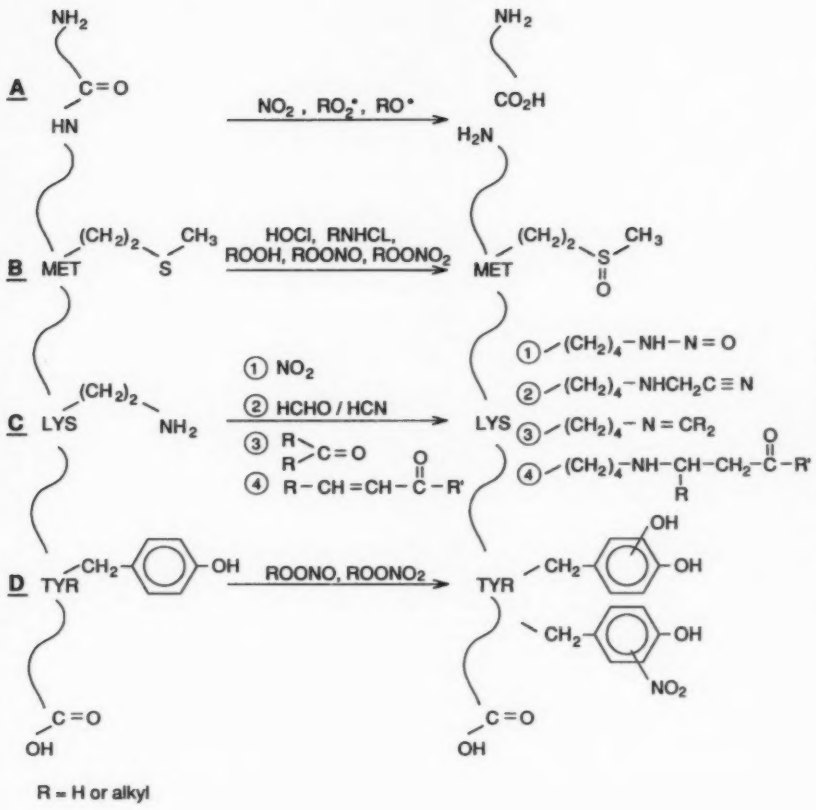

Fig. 4. Probable molecular lesions affecting EIC in smoke-damaged α_1-PI. Unmodified amino acid residue side chains are illustrated on *left* of figure. Various smoke- or cell-derived α_1-PI-damaging species, shown down center of figure, can modify amino acid residues to give products illustrated on *right*. *A*, peptide bond cleavage; *B*, methionine oxidation to the sulfoxide; *C*, modification of the ϵ-amino group of lysine to give *1*, *N*-nitroso derivative; *2*, cyanomethyl derivative; *3*, Schiff base; *4*, alkylated product by Michael addition to an α,β-unsaturated carbonyl; and *D*, hydroxylation or nitration of tyrosyl residues.

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Pages L381–L389: Melanie A. Bruno, Robert J. Bohinski, Jean E. Carter, Kathryn A. Foss, and Jeffrey A. Whitsett. "Structure and function of the mouse surfactant protein B gene." On p. L383, Fig. 2 should appear as below (the nucleotide sequence from 4501 to 9882 was omitted).

F1,F1a

Fig. 2. Nucleotide sequence of mouse SP-B gene and flanking regions. The numbers to the right of each line correspond to the terminal nucleotide of that line. The 5′ flanking sequence present is numbered from −1 to −1782. The TATA box is specified by capitalized underscored bold type at −26 to −30. In the sequence +1 to 9805, the exons are represented in plain upper case type. Introns in sequence +1 to 9805 are represented by lower case type. Unique repeats or members of repetitive element families are represented by bold capitalized type in the intron sequence. Underscored sequences in bases 3071 to 3770 represent direct repeats associated with B2 and R elements. The deduced polypeptide sequence is in 3-letter amino acid code and underscored. The active peptide sequence split between exons 6 and 7 is highlighted. The single polyadenylation signal AATAA is underscored at bases 9786–9791.

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CORRIGENDA

Volume 267, August 1994
Volume 36, August 1994

Pages H684–H693: W. Peters, S. Solingen, Y. Kobayashi, R. Scharf, W. J. Mandel, and E. S. Gang. "Transmyocardial impedance during single and multiple internal ventricular defibrillation shocks." The following corrections should be noted.

Page H684, METHODS section, first paragraph: The analysis presented here is based on measurements during infusion with saline or lactated Ringer solution in the same dogs later treated with propafenone or lactated Ringer solution as described elsewhere (24).

Page H685, METHODS section, fourth paragraph: In *dog 4*, the same defibrillator-electrode combination was used to deliver 20 shocks of a damped half sine waveform as clinically used in external defibrillation (here $C = 32$ μF, inductance = 40 mH).

Page H686, Figure 2 legend: Typical graph of delivered voltage [$V(t)$] and transmyocardial impedance [$Z(t)$] during defibrillation with truncated trapezoidal pulse waveform [stored energy (E_{sto}) = 20 J]. Pol, polarization.

Page H689, Table 6 title: *Calculated defibrillator C according to Eq. 5 and relative difference in E_{del} and energy converted into heat (E_{res}) by resistive part of transmyocardial impedance.*

Volume 267, October 1994
Volume 36, October 1994

Pages H1514–H1522: Y. Nakashima and K. Ono. "Rate-limiting steps in activation of cardiac Cl^- current revealed by photolytic application of cAMP." *Page H1515*: The left side of the equation should be I instead of I_∞. Therefore, the corrected equation is the following.

$$I = I_\infty \cdot [1 - \exp(-t/\tau)]$$

Volume 267, November 1994
Volume 36, November 1994

Pages H1921-H1927: Lynda P. McQuillan, Gordon K. Leung, Philip A. Marsden, Sandra K. Kostyk, and Stella Kourembanas. "Hypoxia inhibits expression of eNOS via transcriptional and posttranscriptional mechanisms." *Part C* of Fig. 1 was inadvertently masked during the printing process. The correct Fig. 1 is reproduced here.

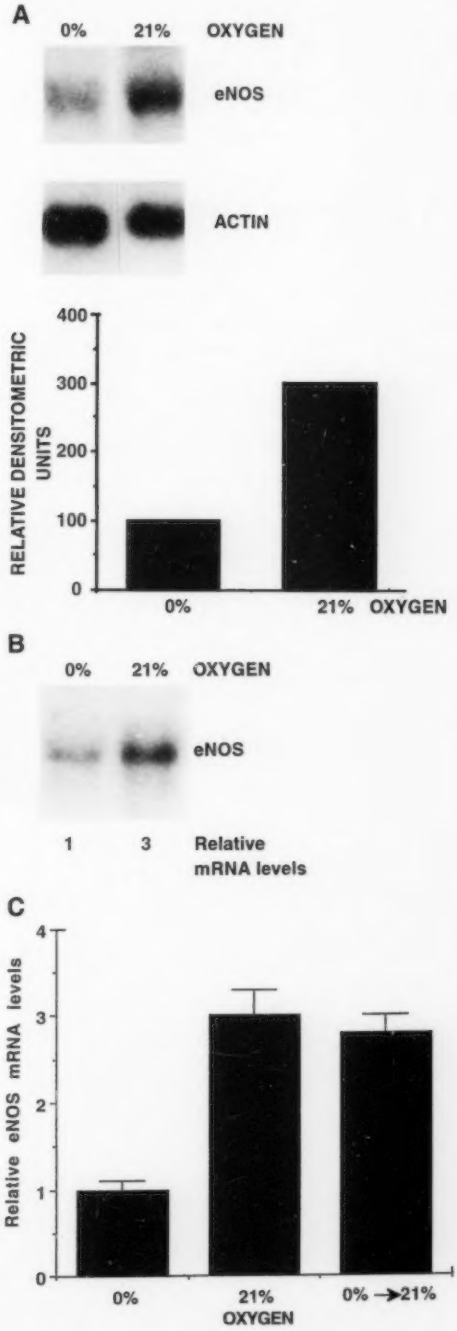

Fig. 1. Effects of hypoxia on endothelial constitutive NO synthase (eNOS) mRNA levels in endothelial cells. *A*: hypoxia suppresses eNOS mRNA levels in human umbilical vein endothelial cells (HUVECs). Early-passage HUVECs from at least 5 different donors were grown to confluence and exposed to hypoxia (0% O_2) or normoxia (21% O_2) for 48 h. Total RNA was isolated and 15 μg per condition were subjected to electrophoresis, blotted, and hybridized with a ^{32}P-labeled cDNA probe for eNOS. After autoradiography, blot was stripped and probed again for β-actin. Relative mRNA levels of eNOS normalized to β-actin are shown. Data are representative of 5 independent experiments. *B*: hypoxia suppresses eNOS mRNA levels in bovine pulmonary artery endothelial cells (BPAECs). Early-passage BPAECs were exposed to hypoxia under the conditions described in *A*, and Northern analysis was performed. Relative mRNA levels of eNOS are shown after adjustment for β-actin levels. *C*: effects of hypoxia on eNOS are reversible. HUVECs were exposed to 0 or 21% O_2 for 48 h as described in *A*. A parallel plate was exposed to hypoxia for 48 h and then returned to normoxia for 6–24 h (shown here). RNA was isolated, and Northern analyses were performed as in *A*. Data are sum of 3 independent experiments.

Volume 267, December 1994
Volume 36, December 1994

Pages H5237-H2530: J. L. Unthank, J. C. Nixon, and M. C. Dalsing. "Acute compensation to abrupt occlusion of rat femoral artery is prevented by NO synthase inhibitors." The volume number and year in the abstract line were incorrectly cited and should appear as the following.

Unthank, Joseph L., J. Craig Nixon, and Michael C. Dalsing. Acute compensation to abrupt occlusion of rat femoral artery is prevented by NO synthase inhibitors. *Am. J. Physiol.* 267 (*Heart Circ. Physiol.* 36): H2523—H2530, 1994.

Volume 268, January 1995
Volume 37, January 1995

Pages H336–H444: Mikio Nakao and Steven S. Segal. "Muscle length alters geometry of arterioles and venules in hamster retractor," *Page H341*: under *Critique of Methods*, part of the 7th line beginning with the semicolon was inadvertently dropped in printing and should read as the following.

L_s values ($\sim$2.5 μm at resting L_m) were in excellent agreement with those reported by others using fixation [cat musculus gastrocnemius (25)] and electron microscopy [rat m. soleus (18)].

Volume 268, February 1995
Volume 37, February 1995

Pages H886–H894: T. Ehring, M. Krajcar, D. Baumgart, S. Kompa, M. Hümmelgen, and G. Heusch. "Cholinergic and α-adrenergic coronary constriction with increasing ischemia-reperfusion injury." The title of this paper was incorrectly printed and should appear as the following.

Cholinergic and α-adrenergic coronary vasomotion with increasing ischemia-reperfusion injury.

American Journal of Physiology: Regulatory, Integrative and Comparative Physiology

KEY TO CATEGORIES: **1.** Comparative Physiology *Regulation and Integration in:* **2.** Autonomic Physiology; **3.** Behavior; **4.** Cardiovascular Physiology; **5.** Endocrinology; **6.** Energetics; **7.** Fluids and Electrolytes; **8.** Functional Morphology; **9.** Ingestion; **10.** Periodicity; **11.** Respiration; **12.** Temperature

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